

Talking Points

On the Advantages of the

**SOLID SHANK SOCKET
SHOVELS and SPADES**

and also

PATENT HANDLES

EXPORT SALES OFFICE
24 State Street, New York City
in charge of
David S. Hays & John L. Denton

Manufactured by

**The Canadian Shovel & Tool
Company, Limited**

HAMILTON, CANADA

Represented by

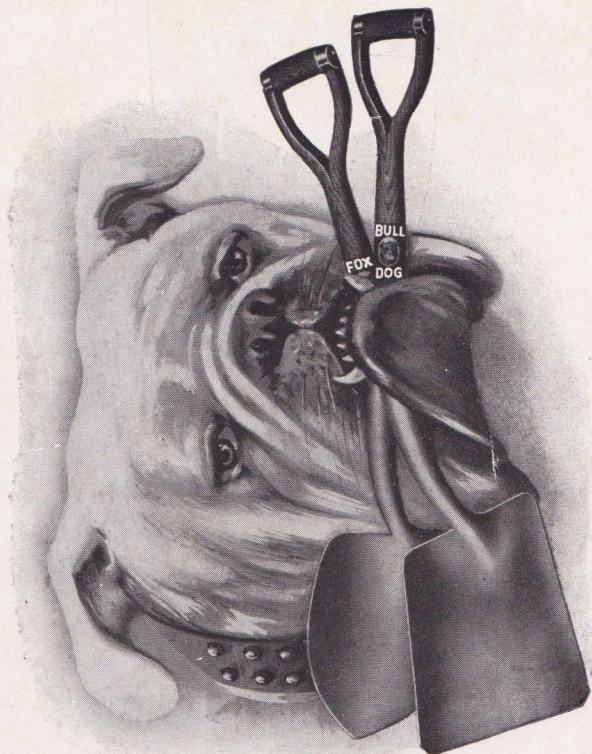
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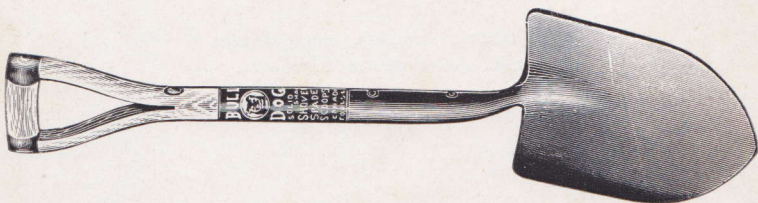
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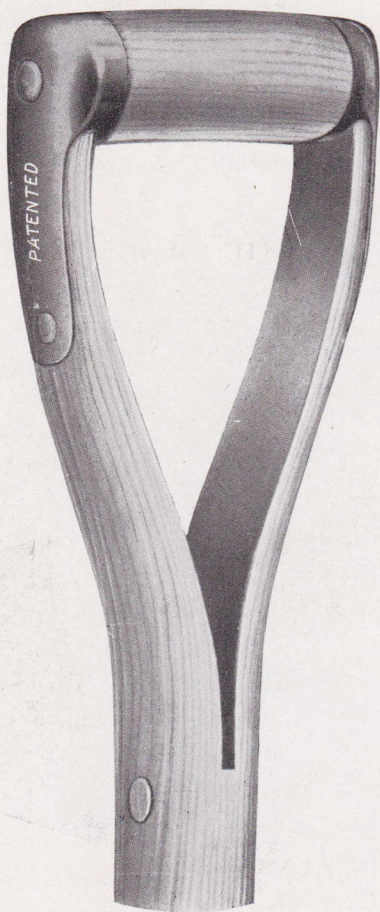
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*Note--"O'Kay" is First Grade and is used in place
of "Bull Dog" for Export only.*





Patented,—Canada, Great Britain
and United States of America.

In order that the many buyers, sellers and users of Bull Dog, O'Kay and Fox Shovels and Spades may become more familiar with their special features, we trust that the following "talk" may prove to be of interest. Our remarks are addressed more especially to prospective buyers, as those who are now using our Shovels and Spades are thoroughly familiar with their many good points, which practically sell these brands, the demand for which is annually increasing.

THE BLADE

Bull Dog, O'Kay and Fox Shovels and Spades are known as One Piece Solid Shank and Socket

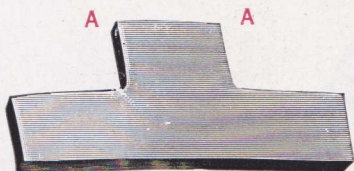


Fig. 1.
One Piece Shovel Blank

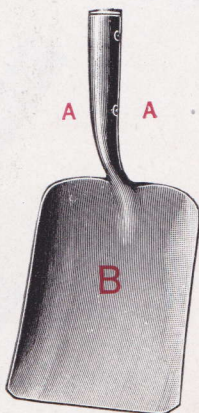


Fig. 2

Construction, that is, they are rolled and forged from a solid bar of High Carbon Steel (See Fig. 1) manufactured specially for the purpose.

This mode of manufacture produces a blade which has no opening at the top at each side of the handle (See Fig. 2, points A-A) to permit of the entering of moisture, resulting in interior rusting and consequent weakening of the blade at a point where

strength is essential. Bull Dog, O'Kay and Fox Shovels and Spades are solid at points A-A, and to give them additional strength, the blades are rolled in such a way as to produce a wide solid "V" shaped rib (See Fig. 2, points A-A-B and Sectional View), graduating both along and across the blade, consequently fracture is practically unknown at this point of the blade, which is a weak point with shovels of different construction.

THE SOLID SHANK

By a series of operations, this part of the shovel is gradually reduced from the bar (See Fig. 1, point A-A) to the final diameter required. (See Fig 3, point A-A).

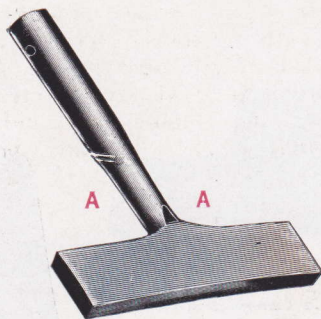


Fig. 3. One Piece Blank with Socket Drawn

This materially toughens the steel at a point where strength and rigidity are essential.

THE SOCKET

This special form of construction (See Fig. 3 and Sectional View point B-B), appeals especially to the user as its convenient size and shape gives him a good grip on the shovel and has no sharp projecting edges to cut the forward hand, as is frequently noticeable on shovels of a different type of manufacture.

RE-HANDLING

Bull Dog, O'Kay and Fox brands are the only shovels and spades which can be readily re-handled by any handy man on the job. If you will refer to (Fig. 4) illustrating the handle, you will note that same is a straight stem, chucked or tapered to fit the socket (See Sectional View points B-B), which you will note is also straight, consequently a bent handle is not required, the bend or lift of the shovel being produced in the Solid Shank or neck (See Sectional View, points A-A). Should the handle be broken, in order to facilitate the removal of the piece of the handle remaining in the socket, all that is necessary is to file out or cut off the heads of the two rivets which hold the same in place, knock out these rivets with a punch, remove the broken end and insert a new handle, giving you a shovel as serviceable as formerly, and which has retained its bend or lift even though the handle may have

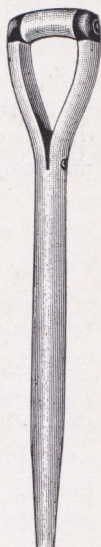
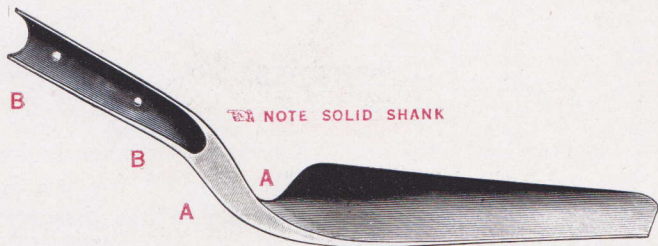


Fig. 4



Sectional View

been broken by the shovel having been subjected to abuse or unusual strain. We would especially draw the attention of Contractors, Miners, Corporations and all users of shovels to this special feature of Solid Shank Shovels, as in consideration of the small cost at which our shovels can be re-handled, the necessity of throwing away good blades is avoided.

HANDLES

The illustration (See Fig. 5), is a D Handle of the old type and which we have practically discarded for our Patent Split D (See Fig. 4), and which has special features worthy of your attention, and even though subjected to rough usage and exposed to the weather it will retain its original shape and not develop any of the defects shown in Fig. 5, the corners of the grip being reinforced by steel caps and the split fork and grip are held compactly together by a rivet running through the grip, the base of the forks being similarly strengthened to avoid lateral splitting of the handle. In order to produce a handle of this description, only the highest grade of straight grained ash can be used.



Fig. 5

GRADES

Our Bull Dog and O'Kay brands are made for heavy work, being especially adapted for use in mines, on highways and railroads, where they are usually called upon to stand hard usage. The fact that they have been adopted by the railways and practically every municipal corporation and construction company in Canada, is evidence that these brands are giving eminent satisfaction. As a general purpose shovel, our Fox brand is in great demand, and while of the same construction to the Bull Dog and O'Kay, is slightly lighter in weight, though a most serviceable tool and in general use throughout the country.

BRANDS

Our other brands are Moose and Black Cat, which we give to shovels known as Hollow Back and Socket Construction (See Fig. 7 and 8); that is, a short piece of the end of the handle projects



Fig. 7

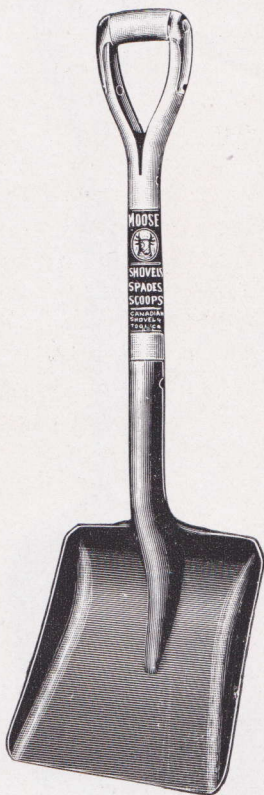


Fig. 8

slightly at the end of the socket at the back of the blade, and while they take Split D Handles, they must not be confused with Bull Dog, O'Kay and Fox, which, as previously stated, are of solid Shank and Socket construction. Moose and Black Cat shovels are manufactured specially for use in light soil and sand, and will not stand the same rough usage as Bull Dog, O'Kay and Fox brands.

SCOOPS

We also manufacture Coal and Grain Scoops under brands Moose and Black Cat, which are also of Hollow Back and Socket construction (See Fig.

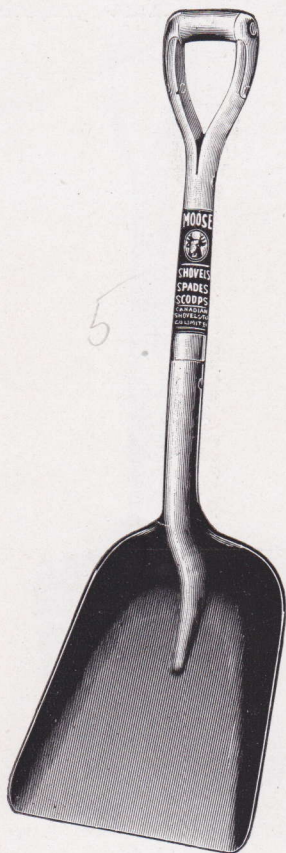


Fig. 9

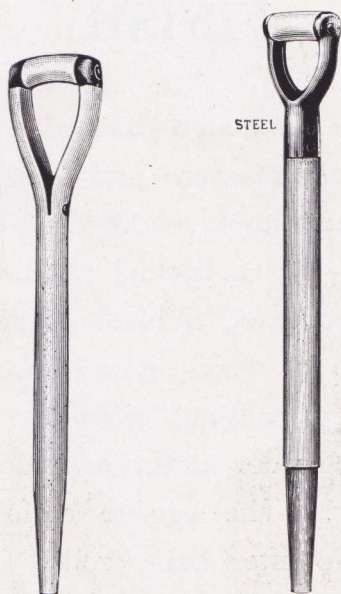


Fig. 10

9 and 10); the blades are reinforced at the shoulder and root of socket and in the pans in such a way as to give additional strength and avoid any danger of buckling under the hardest of usage.

HANDLES

We illustrate along with our Split D, our latest design of D, made from special sheet steel, drawn and formed by machine dies. The socket has two



rivets and the split in the back allows the socket to be always drawn tight by the rivets. It has somewhat the appearance of a Malleable, but is free from defects which accompany Malleable castings. We strongly recommend this handle as being free from the inherent faults of wood handles and suitable to all climates. It is an unbreakable D. Both our Handles Patented in Canada, Great Britain and the U. S. A.

FINISH

We eliminated polished shovels as a war measure and found our customers took readily to a black finish. By a special process we are producing a black blade, the surface of which is as smooth as ordinary polished shovels. They have a harder surface and clean as readily. The outside surface of a blade after being rolled is the hardest and best wearing part of the steel. When polished it takes away this best wearing surface.

To buyers and consumers who have not so far had the opportunity of using or becoming familiar with the brands mentioned, we have no hesitation in saying that you will find in them the "Highest Ideal of the Shovel Making Art," being unsurpassed for strength, durability and finish.

THE
Canadian Shovel & Tool Co.,
LIMITED

HAMILTON, - CANADA



Philip Davis Printing Company, Limited
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